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REPORT NO.

5X1A

CD NO.

COUNTRY China/Western Europe

CONFIDENTIAL

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SUBJECT Chinese Communist Steel Requirements

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SOURCE

In late January 1951 Baldesberger, the Zurich representative of the Hong Kong firm of Ott & Company, was attempting to procure the following types of steel for Communist China.* The specifications were given as follows:

"Ref. No. 1076

Stainless Steel

<u>Item 1.</u>	<u>Description</u>	<u>Quantity</u>
1.	Square Rods	
a.	3/4" by 3/4"	
	Standard Length	10,000 ft.
b.	1" x 1"	
	Standard Length	5,000 "
2.	Sheets	
a.	1/8" x 3' x 6'	50 sheets
	3/16" x 3' x 6'	50 "
	1/4" x 3' x 6'	40 "

Remarks: 1. All tenders for square rods submitted must have their material strictly in accordance with the following chemical analysis:

C = 0.09 - 0.20%
Si = 0.75 max.
S = 0.03 "
Mn = 8-10%

Mn. 0.2 - 0.7%
P. 0.03 max.
Cr. 17-20%

2. Quote c. & fr. Hong Kong
3. Mills Certificate required
4. Stainless Steel Sheet Chemical composition:

HL 1-3.5%

Cr. 0.50 - 1.50%

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No Change In Class.

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"Ref. No. 1077

2. Red Cut Superior High Speed Steel (18-4-1)

Annealed and heat treated, similar to "Vasco" Steel of Vanadium Alloys Steel Co.

<u>Item</u>	<u>Quantity</u>	<u>Description</u>
48	1000 lbs.	3/8" square x 12 ft.
49	4000 "	1/2" " x 12 ft.
50	2500 "	5/8" " x 12 ft.
51	5000 "	3/4" " x 12 ft.
52	3000 "	1" " x 12 ft.

3. Red Cut Superior High Speed Steel (18-4-1)

Annealed only, according to your standard length.

<u>Item</u>	<u>Quantity</u>	<u>Description</u>
53	1000 lbs.	3/8" square x 12 ft.
54	2500 "	1/2" " x 12 ft.
55	1500 "	5/8" " x 12 ft.
56	2500 "	3/4" " x 12 ft.
57	1000 "	7/8" " x 12 ft.

4. Red Cut Superior High Speed Steel (18-4-1)

According to "Vasco" Steel of Vanadium Alloys Steel Co., annealed only.

<u>Item</u>	<u>Quantity</u>	<u>Description</u>
58	1000 lbs.	3/8" Rd. according to your standing cutting length
59	2000 lbs.	1/2" " do.
60	1000 "	5/8" " do.
61	3000 "	3/4" " do.
62	1500 "	7/8" " do.
63	4000 "	1" " do.
64	5000 "	1 1/2" " do.
65	6000 "	2" " do.
66	5000 "	2 1/2" " do.
67	6000 "	3" " do.

"Ref. No. 1077

Die Steel annealed, oil-tough, 12 feet cutting length, according to your standard (C. 0.75%, Mn. 0.3%, Silicon, Cr. 1%, Ni-1.75%, annealed to Rc 20, hardened to Rc 50-65--)

a. Round Bars

<u>Item</u>	<u>Quantity</u>	<u>Description</u>	<u>Estimated</u>
10	2000 lbs.	3 1/2" diameter	32.7 lb./ft.
11	3000 "	4" "	42.7 lb./ft.
12	2000 "	1 1/2" "	54.1 lb./ft.
13	3800 "	5" "	66.8 lb./ft.
14	1200 "	6" "	96.1 lb./ft.

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b. Item	Quantity	Description	Estimated
15	9500 lbs.	2" square	13/6 lb./ft.
16	1500 "	2 1/8" "	21/3 "

c. Flat Bars

Item	Quantity	Description	Estimated
17	1100 lbs.	2 1/2" x 6"	51.0 lb./ft.
18	900 "	2" x 1 1/2"	27.2 "

d. Round Bars

Item	Quantity	Description	Estimated
32	5500 lbs.	3"	26.68 lb./ft.
33	8000 "	3 1/2"	26.31 lb./ft.
34	4500 "	4"	47.43 lb./ft.
35	4000 "	4 1/2"	60.02 lb./ft.
36	7000 "	5 1/2"	89.66 lb./ft.
37	5000 "	5"	74.10 lb./ft.

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